

SUBSTITUTED AMINOPYRIMIDINES AS NEUROKININ ANTAGONISTS

ABSTRACT OF THE DISCLOSURE

The invention discloses tachykinin receptor antagonists. The tachykinin family of receptors comprising the neurokinins substance P (SP), neurokinin A, and neurokinin B and related neuropeptides that are widely distributed in the peripheral and central nervous system. The invention discloses novel aminopyrimidine derivatives, synthesis and uses thereof for the treatment of diseases mediated directly or indirectly by the tachykinin receptors. These diseases include central nervous system disorders such as anxiety, pain, depression, emesis, in particular cancer chemotherapy induced emesis, respiratory and inflammatory bowel disease and other gastric disorders , asthma, schizophrenia, ophthalmic diseases such as glaucoma, ocular hypotension, neural injury, stroke, cardiac disorders, psoriasis, and migraine. Methods of preparation and novel intermediates and pharmaceutical salts thereof are also included.

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